

Product datasheet for TA335156

OriGene Technologies, Inc.

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Calcineurin B (PPP3R1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-PPP3R1 antibody: synthetic peptide directed towards the N terminal

of human PPP3R1. Synthetic peptide located within the following region:

MGNEASYPLEMCSHFDADEIKRLGKRFKKLDLDNSGSLSVEEFMSLPELQ

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 19 kDa

Gene Name: protein phosphatase 3 regulatory subunit B, alpha

Database Link: NP 000936

Entrez Gene 5534 Human

P63098

Background: PPP3R1 is the regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated

protein phosphatase. PPP3R1 confers calcium sensitivity.

Synonyms: CALNB1; CNB; CNB1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%





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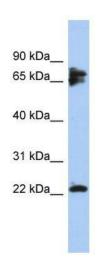
Protein Families: Druggable Genome, Phosphatase

Protein Pathways: Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell

receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor

signaling pathway, VEGF signaling pathway, Wnt signaling pathway

Product images:



WB Suggested Anti-PPP3R1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: NCI-H226 cell lysate